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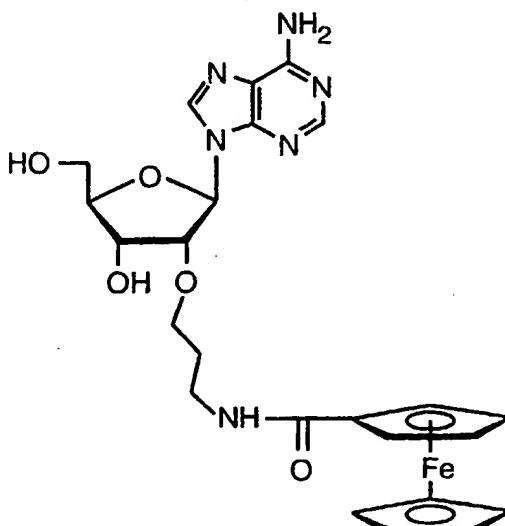
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(54) Title: AMPLIFICATION OF NUCLEIC ACIDS WITH ELECTRONIC DETECTION



(57) Abstract: The invention relates to compositions and methods useful in the detection of nucleic acids using a variety of amplification techniques, including both signal amplification and target amplification. Detection proceeds through the use of an electron transfer moiety (ETM) that is associated with the nucleic acid, either directly or indirectly, to allow electronic detection of the ETM using an electrode.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C12Q1/68 G01N27/30

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, EMBASE, CHEM ABS Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 98 20162 A (GOZIN MICHAEL ; YU CHANGJUN (US); KAYYEM JON F (US); CLINICAL MICRO) 14 May 1998 (1998-05-14) page 1-2; figures 29,32 page 9-10 page 27-29 page 35-37 page 41-43 page 51, line 15 -page 52 page 69, line 29 -page 70 ----	1-16
Y	US 5 854 033 A (LIZARDI PAUL M) 29 December 1998 (1998-12-29) column 2-14; figures 1,2,6,7,10 column 21 column 33 ---- -/-	1-12

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	BROWN G ET AL: "Metallorganic labels for DNA sequencing and mapping" NEW JOURNAL OF CHEMISTRY, FR, CNRS-GAUTHIER-VILLARS, MONTROUGE, vol. 18, no. 3, March 1994 (1994-03), pages 317-326, XP002106965 ISSN: 1144-0546 the whole document ---	1-16
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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